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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 7-2005)  |   | ATTORNEY'S DOCKET NUMBER<br>112740-1120                             |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>         DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>         CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/561731</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/EP2004/050652</b>  | INTERNATIONAL FILING DATE<br><b>29 April 2004</b> | PRIORITY DATE CLAIMED<br><b>20 June 2003</b>                        |
| TITLE OF INVENTION<br><b>METHOD FOR THE DETERMINATION OF AN ANTENNA WEIGHTING FACTOR</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>Frank Burkert et al.</b>   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> |   |   |
| <b>Items 13 to 23 below concern document(s) or information included:</b>   |   |   |
| <ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input checked="" type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV 512723676 US</b></li> </ol>   |   |   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) .<br><div style="font-size: 1.5em; font-weight: bold;">10/561731</div>  | INTERNATIONAL APPLICATION NO.<br><div style="font-weight: bold;">PCT/EP2004/050652</div> | ATTORNEY'S DOCKET NUMBER<br><div style="font-weight: bold;">112740-1120</div> |
| 23. Other items or information:  |  |   |
| The following fees have been submitted:  |  | CALCULATIONS      PTO USE   |
| 24. <input checked="" type="checkbox"/> Basic national fee ..... \$300   |  | \$ 300.00   |
| 25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))<br>If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0<br>All other situations. .... \$200   |  | \$ 200.00   |
| 26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))<br>If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100<br>International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400<br>All other situations. .... \$500 |  | \$ 400.00   |
| <b>TOTAL OF 24, 25 and 26 =</b>  |  | \$ 900.00   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |  |   |
| Total Sheets   | Extra Sheets   | Number of each additional 50 or fraction thereof (round up to a whole)        |
| - 100 =  | 0 /50 =  | 0   |
|  |  | x \$250.00  |
|  |  | \$ 0.00   |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  |  | \$  |
| CLAIMS   | NUMBER FILED   | NUMBER EXTRA  |
| Total claims   | 9 - 20 =   | 0   |
|  |  | x \$50.00   |
|  |  | \$ 0.00   |
| Independent claims   | 2 - 3 =  | 0   |
|  |  | x \$200.00  |
|  |  | \$ 0.00   |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00  |  | \$ 0.00   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |  | \$ 900.00   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   |  | \$ 0.00   |
| <b>SUBTOTAL =</b>  |  | \$ 900.00   |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |  | \$ 0.00   |
| <b>TOTAL NATIONAL FEE =</b>  |  | \$ 900.00   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |  | \$ 0.00   |
| <b>TOTAL FEES ENCLOSED =</b>   |  | \$ 900.00   |
|  |  | Amount to be \$   |
|  |  | Amount to be \$   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ \$900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 29177

Bell Boyd & Lloyd LLC  
P.O. Box 1135  
Chicago, Illinois 60690

SIGNATURE

Peter Zura

NAME

48,196

REGISTRATION NUMBER

December 20, 2005

DATE

IAPD Rec'd PCT/PTO 20 DEC 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Frank Burkert et al.  
Appl. No.: PCT/EP2004/050652  
Title: METHOD FOR THE DETERMINATION OF AN ANTENNA WEIGHTING FACTOR  
Docket No.: 112740-1120

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 35 pages;
3. International Preliminary Examination Report on 6 pages;
4. International Search Report on 12 pages;
5. English translation on 25 pages;
6. executed declaration and power of attorney on 4 pages;
7. Preliminary Amendment on 41 pages;
8. IDS on 2 pages; PTO 1449 on 1 page; references; English abstract for two German references;
9. check in the amount of \$900.00
10. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail

in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on December 20, 2005.

Respectfully submitted,

BELL, BOYD &amp; LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence



Signature

EV 512723676 US

Express Mail Mailing Label Number